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CONDUCTIVE OIL SEAL

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ABSTRACT

PURPOSE: To prevent a discharge phenomenon in the interior of a rolling bearing by forming a conductive oil seal by a conductive rubber composition, a reinforcement ring having conductivity and conductive adhesives.

CONSTITUTION: As seal means for a lubricant for a rolling bearing , there is provided a seal piece 6 which is made by rubber elastic material and includes a main lip portion 4 and a dust lip portion 5 which are elastically brought into contact with the peripheral surface on rotation side and slid. Conductivity is applied to an oil seal 7 provided as leakage checking means for a lubricant for the rolling bearing and adhesives, whereby a conductive circuit via the oil seal is formed between a housing where the rolling bearing and the oil seal are inserted and a shaft , thereby to prevent a discharge phenomenon in the rolling bearing .

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